NOVEMBER/DECEMBER 2023

CECS64C — CLOUD COMPUTING

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Give examples for Cloud Storage.
2. List the advantages of 'Cloud computing'.
3. Expand SDLC, SaaS.
4. Define-Virtualization.
5. What is VMware?
6. Write the significances of 'Map Reduce'.
7. State the role of DCN'.
8. Name any two Open Source Tools for Research.
9. What is meant by 'Risk Management'?
10. Define-'Data Security'.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe the History of Cloud computing.

Or

(b) Write short notes on Cloud Services.

12. (a) Explain the Cloud Application Environment.

Or

(b) Give an account on Memory and Storage technologies.

13. (a) Discuss about Amazon AWS

Or

(b) State and explain Iterative Map Reduce.

14. (a) Describe the Networking issues in Data Centers.

Or

(b) Write about TCP Enhancements for DCNs.

15. (a) What is Virtual Machine Security? Explain in detail.

Or

(b) Discuss on Cloud Security Challenges and Risks.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on Cloud Computing Architecture and Management.

17. Discuss about Cloud Service Models.

18. Explain Cloud Software Environments.

19. Describe the Security Aspects of Cloud Computing.

20. Write a detailed note on Identity Management and Access Control.

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